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[Despatch Abstract.]

Report - Mental Hospitals - Administration Report for 1948 - Reviewed.

ANNUAL REPORT

ON THE WORKING OF

THE MENTAL HOSPITALS

IN THE

MADRAS PRESIDENCY

FOR THE YEAR

1948

PRINTED BY THE SUPERINTENDENT
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MADRAS
1949

OFFICE OF THE SURGEON-GENERAL WITH THE GOVERNMENT OF MADRAS,
Madras-6, dated April 1949.

A. S. MANNADI NAYAR, M.B., B.S., PH.D. (Edin.),
ACTING SURGEON-GENERAL WITH THE GOVERNMENT OF MADRAS,
MADRAS,

THE JOINT SECRETARY TO GOVERNMENT,
EDUCATION AND PUBLIC HEALTH DEPARTMENT,
MADRAS.

SIR,

[Annual Administration Report—Government Mental Hospitals, 1948.]

I have the honour to forward herewith the annual report on the working of the Mental Hospitals at Madras, Waltair and Kozhikode for the year ending 31st December 1948.

2. *Administration.*—The Mental Hospital at Madras was in charge of Dr. J. Dhairyam, M.D., up to 30th November 1948. Dr. A. S. Johnson, B.A., M.B.B.S., M.R.C.P. (Edin.), F.I.P.S. assumed charge of office on 1st December 1948. During the year under report, the post of the Superintendent in the Mental Hospital at Waltair, was held by Dr. P. Ramachandra Rao, M.B.B.S., up to 1st October 1948 and by Dr. N. V. Subramanyam, M.B B S., from 2nd October 1948 to the end ofthe year. Dr. K. Appu Kurup continued to be the Superintendent of the Kozhikode Mental Hospital during the year except for the period between 24th January 1948 to 10th March 1948 when Dr. K. R. Parthasarathy was in charge of the H spital.

3. *Accommodation.*—The accommodation for patients in the three Mental Hospitals is as follows :—

Name of the hospital.	Sanctioned accommodation.	Average daily population.	Maximum on one day in 1948.
Madras	888	1,800·00	2,075
Waltair	164	208·07	232
Kozhikode ..	364	466·00	504

The daily average population in the Madras Mental Hospital was 1,800·00 (1,263·9 males and 536·1 females) as against the daily average of 1,662·06 in the previous year. The daily average strength at the Mental Hospital, Kohikoda, was 466 as against 430 in 1947 and this included 70 patients transferred from Madras. The average number of patients in the Mental Hospital, Waltair, was 208·07 including 12 patients transferred from the Mental Hospital at Madras as against 217·82 in the previous year. The increase in the number of patients in the Mental Hospitals shows the necessity for additional accommodation.

The total admissions during the year were 1,582 as against 1,139 admissions in the previous year. This is partly due to the transfer of 293 criminal lunatics from the Mental Jail, Cuddalore, to Madras during September 1948.

STATEMENT I.

4. *Population.*—The total population of the three Mental Hospitals at Madras, Waltair and Kozhikode, during the year under report was 3,897 (2,849 males and 1,048 females) as against 3,368 (2,421 males and 947 females) in the previous year. The number of patients that remained at the commencement of the year was 2,315 (1,650 males and 665 females) as against 2,229 (1,619 males and 610 females) during 1947.

The daily average number of patients in all the three Mental Hospitals during the year was 2,474.07 (1,778·34 males and 695·73 females) as against 2,309·88 (1,656·02 males and 653·86 females) in the previous year.

Of the total number of patients treated during the year, 342 were cured, 437 improved, 53 not improved, 211 discharged otherwise and 209 died. The following statement shows the percentage of patients cured and died to the daily average strength and the percentage of the "cured" and "died" to the new admissions :—

Cases.	1948.	1947.
1 Daily average strength	2,474·07	2,309·88
2 Admissions during the year	1,582	1,139
3 (*a*). Percentage (daily average)—		
(i) Cured	13·82	15·54
(ii) Died	8·45	7·79
(*b*) Percentage (new admissions)—		
(i) Cured	11·78	17·89
(ii) Died	4·31	5·41

STATEMENT II.

5. *Cases admitted for observation.*—In the year 1948, 275 cases were observed in the three Mental Hospitals. Of these, 271 were certified and admitted.

STATEMENT III.

6. *Criminal cases.*—Three hundred and ten criminal lunatics were admitted in the Mental Hospital, Madras (281 males and 29 females) and one criminal lunatic was admitted in the Kozhikode Mental Hospital who was later on transferred. There had been no admission of criminal lunatics in the Waltair Mental Hospital.

STATEMENT IV.

7. *Classes.*—Of the total number of patients admitted in all the three Mental Hospitals, 30 were Europeans or Anglo-Indians, 167 Indian Christians, 1,167 Hindus, and 217 Muslims.

STATEMENT V.

8. *Ages of patients admitted.*—Of the 1,582 patients admitted in all the three Mental Hospitals 126 were below 20 years of age, 923 between 20 and 40 and 466 were between 40 and 60 while 67 were over 60 years of age.

STATEMENT VI.

9. *Types of insanity.*—This statement shows the distribution of cases admitted according to the various types of insanity. The principal types of insanity were schizophernia including Dementia præcox, mania, mental deficiency, epilepsy and epileptic insanity, Canabis indicæ, psychosis, etc.

STATEMENT VII.

10. *Causes of insanity.*—This statement gives an account of the causes of insanity among the patients. Domestic worry, previous attack, hereditary predisposition, epilepsy, business worry, moral stress and syphilis accounted for the large number of admissions.

STATEMENT VIII.

11. *Finance—Receipts and Expenditure.*—The total receipts including those from the paying patients in all the three Mental Hospitals during the year under report amounted to Rs. 14,89,087–4–8 as against the sum of Rs. 14,15,829–9–4 during the previous year. The following statement gives the variations under the main heads of expenditure :—

	1948. Rs.	1947. Rs.
Establishment charges	3,81,621	3,46,985
Superintendence	16,495	14,241
Diet	8,23,256	7,39,700
Clothing and bedding	13,645	14,502
Contingencies	80,900	62,178
Rates and taxes	15,784	10,243
Miscellaneous	43,856	37,839

The increase in expenditure in the year under report is due to an increase in the number of patients treated in the various Mental Hospitals, revision of scales of pay and the high cost of diet articles.

12. *Treatment.*—As in previous years, prophylactic and curative measures were taken to deal with physical and mental disabilities. General Paralysis of the Insane was recognized in various stages and treated by cisternal administration of penicillin. No special advantage in administering penicillin by the cisternal route was noticed. Remarkable cures could not be claimed but amelioration of symptoms were noticed. In some cases tryparasamide treatment in conjunction with pyrexial therapy was found successful. All excitements following shizoid or mania elation were treated alike with magsulph, collosal iodine, collosal manganese and in most cases with electric shock.

13. *Deaths and mortality.*—The number of deaths in all the three Mental Hospitals was 209 (152 males and 57 females) as against 180 (135 males and 45 females) during the previous year. The percentage of deaths to the daily average strength was 8·45 as against 7·79 during the previous year.

14. *Casualties.*—In the Madras Mental Hospital, there was an assault by one patient and the assaulted patient expired. Occasional incidents of the nature are apt to occur when the institution is terribly over-crowded. However, necessary effective vigilance is being exercised by the staff.

15. *Escapes.*—There were two escapes from the Mental Hospital, Kozhikode, who were brought back within a few hours of the escape. Two civil male patients escaped during the year under report in the Mental Hospital, Madras. Both the patients were not brought again and were treated as discharged. There were seven escapes from the Waltair Mental Hospital, of which five were recovered by the hospital staff, one by the Police and one patient discharged under Section 36 of the Indian Lunacy Act (Act IV of 1912).

16. *General hygiene of the patients.*—The personal cleanliness of the patients was attended to with special care. Particular attention was paid to bathing, clothing and feeding of patients. Steps were also taken to detect and treat contagious cases. The weekly inspection of patients was carried out regularly and those found in poor health received special attention.

17. *Water-supply—Madras.*—The supply of water is satisfactory. Well-water is being used for cleaning and gardening purposes, while Red Hills tap water was used for drinking and cooking purposes. The unsatisfactory condition of the pipe lines was brought to the notice of the Public Works Department to take immediate steps to stop the innumerable leakages in the underground pipe lines but no effective action has so far been taken.

Waltair.—This hospital has two storage tanks which can be fed both by the bore-well of the Hospital and the municipal main. The bore-well is a perennial source of abundant supply of water even during the hottest part of the year. A spare motor of 5 h.p. has been supplied during the year.

Kozhikode.—Temporary arrangements were made as in the previous years to get water during the hot months from the Mananchira tank in the town by engaging the Public Works Department lorry.

18. *Drainage and conservancy.*—The drainage systems at the Mental Hospitals at Madras, Kozhikode and Waltair, were satisfactory. The execution of the underground drainage scheme should be speedily given effect to in the Madras Mental Hospital.

19. *Industries and employment—Madras.*—A major portion of the minor industrial requirements of the Hospital was met with the labour of patients. Forty-seven per cent of the patients were engaged in various occupations during the year under report of whom twenty-three per cent worked in the manufacturing departments such as weaving, mat-making, broom-making, rope-making, sewing and knitting, tailoring, soap-making, etc. The remaining twenty-four per cent were engaged in unskilled labour, such as gardening, sweeping, cleaning of food stuffs, etc. As usual these patients were given small presents on the occasion of the Christmas Tree and Annual Sports.

Waltair.—Agriculture, sheep rearing, weaving and gardening were the principal occupations followed by the male patients while the females were engaged on work to which they were accustomed at their own homes, viz., cutting of vegetables, curing rice, gardening, etc., as there are no facilities to engage them otherwise.

Kozhikode.—The chief industries were weaving, vegetable cultivation, tailoring, coir-making and embroidery. As usual some of the selected patients were employed for work in the kitchen, for drawing water and for gardening.

20. *Amusement and physical training—Madras.*—As usual during the Christmas season a Christmas Tree was decorated and presents were hung up and distributed to all the Christian patients. Additional musical amusement by way of radio, piano, gramophone, etc., were given.

Waltair.—There are some very good vocalists among the patients who were induced to organize themselves into a music party and amuse the rest of the patients. The paid barber of the Hospital organizes a regular Bhajana party, from out of some able-minded patients and conducts Bhajana regularly every Saturday. There is a gramaphone for the exclusive use of the patients. Some patients were sent to cinema shows thrice a week in a lorry provided for the purpose and thanks are due to the Proprietors of (*Purna Theatre Select Takies* and *Universal takies* for their generosity in allowing the patients to the shows free. The patients were entertained by some professional jugglers and acrobats. The Secretary, District Ex-Servicemen Association, Vizagapatam, has recommended to the Honorary Secretary, Madras Provincial Welfare Fund, Vizagapatam District Branch, the supply of a radio set with two loud speakers for use in the Hospital and this is awaited.

Kozhikode.—A considerable number of patients are enjoying their daily games of tenniquoit, badminton, carrom and ping-pong. There was an *Ottam-Tullal* performance on 11th May 1948 for the benefit of the patients. Tea and sweets were distributed to the patients on four occasions including on the Independence day. A feast was given to the inmates on 5th November 1948. Tea and sweets were distrtbuted once to the patients by a local philanthropist.

21. *Religious ministration.*—Facilities for religious observance were provided as usual.

22. *Training of mentally defective children.*—As already reported in previous years, there is only a block meant for the mental defective boys' training under the guidance of a teacher. There should be separate enclosures where boys and girls can be housed for the required training. This is a long-felt want which requires early consideration by Government.

23. *Visitors.*—As usual, all official and non-official visitors attended the monthly meetings regularly. Besides the above Sri J. M. Kumarappa of the Tata Institute of Social Science, Bombay, and Dr. Eric Berne, M.D., Diplomate, Board of Psychiatry and Neurology, Carmel California, U.S.A., have visited the Mental Hospital Madras

24. *Verification of service registers.*—The verification of the stock registers and service books of the staff of the three Mental Hospitals was carried out for the year 1948.

25. *Buildings.*—There were no new constructions during the year under report. Urgent and special repairs to Hospitals and ordinary repairs to residential quarters were carried out.

26. *New problems.*—The queston of starting an Invalid Home for the detention of chronic and incurable cases

should be taken up immediately. A two hundred bedded unit for early mental diseases outside the purview of the Lunacy Act and on the pattern of admission in a General Hospital should be considered. This step would facilitate admission for early and deserving mental cases. The out-patient department has been started in the Madras Mental Hospital from 15th December 1948 and is becoming popular and effective. Cases of psychoneurosis were strange but now, men with difficult behaviour problems, vague fears, conversion hysterias, anxiety changes, kleptomaniacs and the like are beginning to assemble in the new out-patient department which is open daily between 8 to 12 noon.

The Government have sanctioned the appointment of a psychologist and the question of appointing a suitable candidate is under consideration.

27. *General.*—The administration of the three Mental Hospitals was carried out efficiently by the Superintendents of the Hospitals concerned and I would like to place on record my appreciation of the manner in which the administration of the Hospitals was carried out during the year under report.

Yours faithfully,

A. S. MANNADI NAYAR,

Acting Surgeon-General with the Government of Madras.

ANNEXURE.

Statement I—Showing the admissions, discharges, etc., of lunatics during the year 1948 and the provincial totals for the two previous years.

Statement II—Showing cases admitted for observation into the mental hospitals during 1948 and provincial totals for the two previous years.

Statement III—Return of criminal lunatics in the mental hospitals in the Madras Presidency for the year 1948 and the provincial totals for the two previous years.

Statement IV—Return showing religion, sex and residence of patients admitted in the Madras Presidency during the year 1948 and the provincial totals for the two previous years.

Statement V—Return showing the ages of patients admitted into the mental hospitals in Madras Presidency during the year 1948 and the provincial totals for the two previous years.

Statement VI—Statement showing the form of mental disorder in the admissions, discharges, recoveries and deaths during the year ending 31st December 1948.

Statement VII—Statement showing the probable causes of insanity in the patients admitted in the mental hospitals in the Madras Presidency during the year ending 31st December 1948.

Statement VIII—Statement showing the cash account in the mental hospitals in the Madras Presidency for the year 1948.

STATE

Statement showing the admissions, discharges, etc., of lunatics in the mental hospitals in the

	Remained at the beginning of the year.			Admitted.			Re-admitted.			Total population.			Discharged. A. Cured.			Discharged. B. Transferred to friends. Improved.			Discharged. B. Transferred to friends. Not Improved.			Discharged. C. Otherwise.			Discharged. D. Total.			Died.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
(1)	(2)			(3)			(4)			(5)			(6)															(7)		
MAD																														
Compulsory	937	416	1,403	530	106	636	..	..	..	1,517	522	2,039	80	30	110	52	12	64	3	4	7	137	25	162	272	71	343	71	31	102
Voluntary boarders ..	176	101	277	308	203	511	..	..	..	484	304	788	75	63	138	150	103	253	14	11	25	11	8	19	250	185	435	19	13	32
Total, 1948 ..	1,113	517	1,680	838	309	1,147	..	..	..	2,001	826	2,827	155	93	248	202	115	317	17	15	32	148	33	181	522	256	778	90	44	134

The capacity of the Madras Mental Hospital at 60 square feet per European patient equals { Males .. .. 85 / Females .. .. 102 }
The capacity of the Madras Mental Hospital at 45 square feet per Indian patient equals { Males .. .. 546 / Females .. .. 155 }
Total .. 888

WAL																														
Compulsory	156	47	203	94	31	125	1	..	1	260	83	343	16	5	21	37	10	47	14	7	21	5	..	5	72	22	94	14	5	19
Voluntary boarders ..	..	..	..	9	5	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, 1948 ..	156	47	203	103	36	139	1	..	1	260	83	343	16	5	21	37	10	47	14	7	21	5	..	5	72	22	94	14	5	19

The capacity of the Waltair Mental Hospital at 50 square feet per Indian patient equals { Males .. .. 129 / Females .. .. 35 }

Compulsory	321	99	420	232	35	267	25	3	28	578	137	715	67	6	73	65	5	70	..	..	..	17	5	22	149	16	165	47	8	55
Voluntary boarders ..	10	2	12	..	..	..	..	..	..	10	2	12	..	..	..	3	..	3	..	..	..	2	1	3	5	1	6	1	..	1
Total, 1948 ..	331	101	432	232	35	267	25	3	28	588	139	727	67	6	73	68	5	73	..	..	..	19	6	25	154	17	171	48	8	56

The capacity of the Kozhikode Mental Hospital at 50 square feet per Indian patient equals { Males .. .. 274 / Females .. .. 90 }
Total .. 364

PRESI																														
Total, 1948	1,650	665	2,315	1,173	380	1,553	26	3	29	2,849	1,048	3,897	238	104	342	307	130	437	31	22	53	172	39	211	748	295	1,043	152	57	209
Total, 1947	1,619	610	2,229	743	330	1,073	59	7	66	2,421	947	3,368	274	85	359	261	102	363	36	23	59	64	27	91	635	237	872	135	45	180
Total, 1946	1,476	532	2,008	720	284	1,004	40	6	46	2,236	822	3,058	220	54	274	147	74	221	17	13	30	80	38	124	470	179	649	147	31	178

MENT I.

Madras Presidency during the year 1948 *and the provincial totals for the two previous years.*

Remaining at the end of the year.			Daily average strength.			Daily average sick.			Percentage of Daily average strength.						Percentage of Admissions.					
									A. Cured.			B. Died.			C. Cured.			D. Died.		
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
(8)			(9)			(10)			(11)											
RAS.																				
1,174	420	1,594	1,263·90	536·10	1,800·00	212·50	92·79	305·29	12·26	17·35	13·78	7·36	8·21	7·44	7·76	16·47	10·11	2·74	4·85	3·32
215	106	321																		
1,389	526	1,915	1,263·90	536·10	1,800·00	212·50	92·79	305·29	12·26	17·35	13·78	7·36	8·21	7·44	7·76	16·47	10·11	2·74	4·85	3·32

The maximum number of lunatics confined during any one night was on 11th October 1948, viz.—

Males	1,512
Females	563
Total	2,075

	Males.	Females.	Total.
Recoveries on new admissions	65	51	116
Deaths on new admissions	23	15	38

TAIR.

174	56	230	160·44	47·63	208·07	17·85	5·99	23·84	9·97	10·50	20·47	8·73	10·49	19·22	10·58	2·78	13·36	9·62	..	9·62
..	..	..																		
174	56	230	160·44	47·63	208·07	17·85	5·99	23·84	9·97	10·50	20·47	8·73	10·49	19·22	10·58	2·78	13·36	9·62	..	9·62

The maximum number of lunatics confined during any one night was on the night of 10th December 1948, viz.—

Males	176
Females	56
Total	232

	Males.	Females.	Total.
Recoveries on new admissions	16	5	21
Deaths on new admissions	14	5	19

KODE.

382	113	495	354	112	466	123	44	167	19	5	16	14	7	12	16	11	16	4	3	3
4	1	5																		
386	114	500	354	112	466	123	44	167	19	5	16	14	7	12	16	11	16	4	3	3

The maximum number of lunatics confined during any one night was on the night of 10th November 1948, viz.—

Males	387
Females	117
Total	504

	Males.	Females.	Total.
Recoveries on new admissions	42	4	46
Deaths on new admissions	9	1	10

DENCY.

1,949	696	2,645	1,778·34	695·73	2,474·07	353·35	142·78	496·13	13·35	14·95	13·82	8·55	8·19	8·45	10·49	15·78	11·78	3·92	5·53	4·31
1,651	665	2,316	1,656·02	653·86	2,309·88	310·84	156·84	467·72	16·55	12·99	15·54	8·15	6·88	7·79	15·71	16·06	17·89	5·58	5·45	5·41
1,619	610	2,229	1,565·63	573·20	2,138·83	323·45	137·75	461·20	14·05	9·42	12·81	9·39	5·40	8·32	17·36	11·27	15·63	6·11	3·16	5·27

STATEMENT II.

Statement showing the cases admitted for observation into the mental hospitals during the year 1948 *and the provincial totals for the two previous years.*

Name of the hospital.	Year.	Remained on 1st January 1948.	Admitted.	Re-admitted.	Certified and re-admitted into the hospital.	Certified and released under section 14 of Act IV of 1912.	Released as uncertifiable.	Died.	Remaining on 31st December 1948.
Madras ..	1948 ..	1	132	..	130	..	..	1	2
Waltair ..	1948 ..	..	66	..	65	..	..	1	..
Kozhikode ..	1948 ..	1	61	14	76	..	..	..	..
Provincial total for 1948		2	259	14	271	..	..	2	2
Provincial total for 1947		13	265	28	299	..	2	3	3
Provincial total for 1946		16	303	28	333	..	1	3	10

STATEMENT III.

Return of criminal lunatics in the mental hospitals in the Madras Presidency for the year 1948 *and the totals for the two previous years.*

Name of the hospital.	Years.	Remained at the beginning of the year.			Admitted.			Re-admitted.			Total.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
(1)	(2)	(3)			(4)			(5)			(6)		
Madras ..	1948 ..	..	..	..	281	29	310	..	..	..	281	29	310
Waltair ..	1948 ..	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode ..	1948 ..	1	..	1	..	..	..	..	..	..	1	..	1
Provincial total for 1948 ..		1	..	1	281	29	310	..	..	..	282	29	311
Provincial total for 1947 ..		..	..	..	1	..	1	..	..	..	1	..	1
Provincial total for 1946 ..		1	..	1	3	..	3	1	..	1	4	..	4

Name of the hospital.	Years.	Discharged, transferred, etc.			Died.			Remaining at the end of the year.			Daily average strength.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
		(7)			(8)			(9)			(10)		
Madras ..	1948 ..	6	1	7	4	..	4	271	28	299	274·44	27·45	301·89
Waltair ..	1948 ..	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode ..	1948 ..	1	..	1	..	..	..	..	..	..	..	..	..
Provincial total for 1948 ..		7	1	8	4	..	4	271	28	299	274·44	27·45	301·89
Provincial total for 1947 ..		1	..	1	..	..	..	..	..	..	..	..	..
Provincial total for 1946 ..		4	..	4	..	..	..	..	..	..	..	..	..

STATEMENT IV.

Return showing the religion, sex and residence of patients admitted into the mental hospitals in the Madras Presidency during the year 1948 *and the totals for the two previous years.*

District.	Christians.						Hindus.			Muslims.			Other castes.			Total.		
	Europeans and Anglo-Indians.			Indians.														
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
							MADRAS.											
Compulsory boarders—																		
Madras ..	3	2	5	11	2	13	115	55	170	12	6	18	..	..	..	141	65	206
Chingleput ..	..	..	..	..	..	..	13	5	18	2	..	2	..	..	..	15	5	20
Salem ..	..	..	..	1	..	1	8	1	9	..	..	..	..	..	..	9	1	10
Arcot, North ..	..	2	2	32	..	32	16	1	17	4	..	4	..	..	..	52	3	55
Malabar ..	1	..	1	..	..	..	43	6	49	23	3	26	..	..	..	67	9	76
Bangalore ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Cuddapah ..	..	..	..	..	..	..	8	..	8	3	1	4	..	..	..	11	1	12
Krishna ..	..	..	..	1	..	1	4	..	4	..	..	..	..	..	..	5	..	5
South Kanara ..	..	..	..	4	..	4	5	..	5	1	..	1	..	..	..	10	..	10
Tiruchirappalli ..	..	..	..	3	..	3	24	2	26	6	1	7	..	..	..	33	3	36
Tanjore ..	..	..	..	..	..	..	11	..	11	..	..	..	..	..	..	11	..	11
Arcot, South ..	..	..	..	2	..	2	15	2	17	..	..	..	..	..	..	17	2	19
Pondicherry ..	..	..	..	1	1	2	3	..	3	..	..	..	..	..	..	4	1	5
Chittoor ..	..	..	..	1	..	1	14	4	18	2	..	2	..	..	..	17	4	21
Nellore ..	..	..	..	..	..	..	3	1	4	1	..	1	..	..	..	4	1	5
Kurnool ..	..	..	..	..	..	..	5	1	6	2	..	2	..	..	..	7	1	8
Godavari, West ..	..	..	..	..	..	..	4	..	4	..	..	..	..	..	..	4	..	4
Bellary ..	..	..	..	..	..	..	3	1	4	5	..	5	..	..	..	8	1	9
Coimbatore ..	..	..	..	1	..	1	25	1	26	2	1	3	..	..	..	28	2	30
Cochin ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Guntur ..	..	..	..	..	..	..	7	..	7	4	..	4	..	..	..	11	..	11
Tirunelveli ..	..	..	..	1	..	1	14	2	16	6	..	6	..	..	..	21	2	23
Mathurai ..	..	..	..	..	..	..	6	1	7	..	..	..	..	..	..	6	1	7
Ganjam ..	..	..	..	..	..	..	..	..	..	4	..	4	..	..	..	4	..	4
Nagpur ..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Hyderabad ..	..	..	..	1	..	1	2	..	2	2	..	2	..	..	..	5	..	5
Chittagong ..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Vizagapatnam ..	..	..	..	..	..	..	11	1	12	1	1	2	..	..	..	12	2	14
Ramnad ..	..	..	..	..	..	..	9	..	9	..	1	1	..	..	..	9	1	10
Nilgiris ..	..	..	..	2	..	2	6	..	6	..	..	..	..	..	..	8	..	8
Java ..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Coorg ..	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
Anantapur ..	..	..	..	..	..	..	1	..	1	3	..	3	..	..	..	4	..	4
Total ..	4	4	8	61	3	64	377	84	461	87	14	101	..	..	..	529	105	634

STATEMENT IV—*cont.*

Return showing the religion, sex and residence of patients admitted into the mental hospitals in the Madras Presidency during the year 1948 *and the totals for the two previous years*—cont.

District.	Christians.						Hindus.			Muslims.			Other castes.			Total.		
	Europeans and Anglo-Indians.			Indians.														
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS—*cont.*																		
Voluntary boarders—																		
Madras	3	14	17	16	26	42	107	91	198	18	7	25	..	..	..	144	138	282
Chingleput	..	..	..	3	2	5	18	11	29	2	..	2	..	..	..	23	13	36
Bellary	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
Tanjore	..	..	..	1	..	1	8	3	11	2	..	2	..	..	..	11	3	14
Chittoor	..	..	..	..	..	..	10	9	19	1	1	2	..	..	..	11	10	21
Tiruchirappalli	1	..	1	2	1	3	5	5	10	2	..	2	..	..	..	10	6	16
Arcot, North	..	2	2	1	1	2	15	5	20	1	..	1	..	..	..	17	8	25
Arcot, South	..	..	..	1	..	1	6	1	7	..	..	..	..	..	..	7	1	8
Nellore	..	..	..	2	1	3	10	6	16	1	..	1	..	..	..	13	7	20
Ceylon	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
South Kanara	..	..	..	1	..	1	3	..	3	..	..	..	..	..	..	4	..	4
Coimbatore	..	..	..	3	..	3	15	1	16	..	..	..	..	..	..	18	1	19
Mangalore	..	..	..	1	1	2	..	1	1	..	..	..	..	..	..	1	2	3
Tirunelveli	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Bangalore	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
East Godavari	..	..	..	..	..	..	5	3	8	..	..	..	..	..	..	5	3	8
Kurnool	..	..	..	..	1	1	12	2	14	..	..	..	..	..	..	12	3	15
Vizagapatnam	..	..	..	..	..	..	3	..	3	..	..	..	..	..	..	3	..	3
Ramnad	..	..	..	..	..	..	3	1	4	..	..	..	..	..	..	3	1	4
Krishna	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
Mathurai	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
Cuddapah	..	..	..	..	..	..	10	3	13	..	..	..	..	..	..	10	3	13
Guntur	..	..	..	..	1	1	3	..	3	..	..	..	..	..	..	3	1	4
Malabar	..	..	..	..	..	..	3	..	3	..	..	..	..	..	..	3	..	3
Salem	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	2	2
Italy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
America	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Total	5	17	22	34	35	69	242	143	385	27	8	35	..	..	..	308	203	511
WALTAIR.																		
Compulsory boarders—																		
Anantapur	..	..	..	..	..	..	2	..	2	2	..	2	..	..	..	4	..	4
Bellary	..	..	..	..	..	..	..	2	2	1	..	1	..	..	..	1	2	3
Cuddapah	..	..	..	..	..	..	7	1	8	4	..	4	..	..	..	11	1	12
Godavari, East	..	..	..	..	..	..	2	4	6	1	..	1	..	..	..	3	4	7
Godavari, West	..	..	..	..	..	..	3	..	3	..	..	..	..	..	..	3	..	3
Guntur	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	3	1	4
Krishna	..	..	..	..	..	..	3	..	3	..	..	..	..	..	..	4	..	4
Kurnool	..	..	..	..	..	..	1	1	2	1	..	1	..	..	..	2	1	3
Nellore	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	2	..	2
Vizagapatnam	..	..	..	..	..	..	59	20	79	3	..	3	..	..	..	65	20	85
Voluntary boarders	..	..	..	..	..	..	9	5	14	..	..	..	..	..	..	9	5	14
Total	..	..	..	7	..	7	88	34	122	12	..	12	..	..	..	107	34	141
KOZHIKODE.																		
Compulsory boarders—																		
Malabar	..	..	..	6	1	7	75	18	93	45	5	50	..	..	..	126	24	150
South Kanara	..	..	..	4	1	5	18	..	18	2	1	3	..	..	..	24	2	26
Coimbatore	..	..	..	..	2	2	11	4	15	2	..	2	..	..	..	13	6	19
The Nilgiris	..	..	..	..	1	1	2	1	3	..	..	..	..	..	..	2	2	4
Mathurai	..	..	..	2	1	3	15	..	15	2	..	2	..	..	..	19	1	20
Ramnad	..	..	..	1	..	1	2	..	2	1	..	1	..	..	..	4	..	4
Chittoor	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Salem	..	..	..	..	..	..	11	1	12	1	..	1	..	..	..	12	1	13
Tirunelveli	..	..	..	1	..	1	2	..	2	1	..	1	..	..	..	4	..	4
Coorg	..	..	..	..	..	..	8	2	10	..	..	..	..	..	..	8	2	10
Anjengo	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Tanjore	..	..	..	2	..	2	21	..	21	7	..	7	..	..	..	30	..	30
Madras	..	..	..	1	..	1	3	..	3	..	..	..	..	..	..	4	..	4
Tuticorin	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Arcot	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	2	..	2
Travancore	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
Tiruchirappalli	..	..	..	1	..	1	4	..	4	..	..	..	..	..	..	5	..	5
South Arcot	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	21	6	27	173	26	199	63	6	69	..	..	..	257	38	295
Madras	9	21	30	95	38	133	619	227	846	114	22	136	..	..	..	837	308	1,145
Waltair	..	..	..	7	..	7	88	34	122	12	..	12	..	..	..	107	34	141
Kozhikode	..	..	..	21	6	27	173	26	199	63	6	69	..	..	..	257	38	295
Provincial total for 1948	9	21	30	123	44	167	880	287	1,167	189	28	217	..	..	..	1,201	380	1,581
Provincial total for 1947	17	13	30	77	51	128	560	251	811	145	22	167	1	..	1	800	337	1,137
Provincial total for 1946	24	16	40	73	43	116	548	217	765	111	11	122	2	2	4	758	289	1,047

STATEMENT V.

Return showing the ages of patients admitted into the mental hospitals in the Madras Presidency during the year 1948 *and the Provincial totals for the two previous years.*

Name of hospital.		Under 20 years.			20 to 40.			40 to 60.			Upwards of 60 years.			Total.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Madras	C.	42	20	62	282	67	349	181	14	195	25	5	30	530	106	636
	V.	29	19	48	191	116	307	85	54	139	3	14	17	308	203	511
Waltair	C.	6	4	10	66	20	86	18	7	25	5	..	5	95	31	126
	V.	1	..	1	5	5	10	3	..	3	..	..	..	9	5	14
Kozhikode	C.	3	2	5	148	23	171	93	11	104	13	2	15	257	38	295
	V.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Provincial total for 1948		81	45	126	692	231	923	380	86	466	46	21	67	1199	383	1582
Provincial total for 1947		67	35	102	555	210	765	163	83	246	17	9	26	802	337	1139
Provincial total for 1946		62	16	78	501	195	696	180	73	253	17	6	23	760	290	1050

C = Compulsory. V = Voluntary.

STATEMENT VI.

Statement showing the form of mental disorder in the admissions, discharges, recoveries and deaths during the year ending 31st December 1948.

	Remaining on 31st December of the preceding year.			Admissions during the year.			Total.			Discharges. Recoveries.			Discharges. Otherwise.			Deaths.			Remaining on 31st December.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
MADRAS.																					
1 Mental deficiency ..	131	81	212	36	23	59	167	104	271	..	..	..	14	18	32	7	12	19	146	74	220
2 Maniac depressive insanity.	21	3	24	68	16	84	89	19	108	6	6	12	16	4	20	6	1	7	61	8	69
3 Mania	113	45	158	172	79	251	285	124	409	57	41	98	42	30	72	9	4	13	177	49	226
4 Melancholia	34	9	43	14	6	20	48	15	63	1	1	2	12	3	15	..	..	..	35	11	46
5 Schizophrenia including Dementia Præcox.	489	207	696	372	107	479	861	314	1,175	64	27	91	147	69	216	23	9	32	622	209	831
6 Secondary Dementia ..	48	29	77	4	..	4	52	29	81	3	1	4	46	1	47	1	..	1	2	27	29
7 Paronoia and Paranoid states.	39	18	57	14	..	14	53	18	71	1	..	1	4	2	6	1	..	1	47	16	63
8 Epilepsy and Epileptic insanity.	92	32	124	42	16	58	134	48	182	..	..	..	16	10	26	14	5	19	104	33	137
9 Psychosis—																					
(a) Acute confusional insanity.	10	9	19	15	9	24	25	18	43	4	5	9	9	4	13	3	4	7	9	5	14
(b) Alcoholic Psychosis.	16	8	24	4	..	4	20	8	28	3	.	3	1	..	1	2	..	2	14	8	22
(c) Canabis Indicæ Psychosis.	72	..	72	2	.	2	74	..	74	..	..	..	3	..	3	1	..	1	70	..	70
(d) Of Endocrine origin.	5	..	5	1	..	1	6	..	6	..	..	.	..	..	..	1	..	1	5	..	5
(e) In relation to child-bearing.	..	30	30	..	6	6	.	36	36	..	2	2	..	2	2	..	2	2	..	30	30
(f) In relation to other constitutional diseases.	25	3	28	..	.	..	25	3	28	..	..	..	..	..	..	..	.	..	25	3	28
10 Organic Psychosis—																					
(a) General Paralysis.	2	..	2	19	7	26	21	7	28	..	..	..	12	..	12	4	2	6	5	5	10
(b) Cerebral syphilis.	2	..	2	6	2	8	8	2	10	..	..	..	3	1	4	5	1	6	..	..	..
(c) Arteriopathic and Senile Psychosis.	39	37	76	41	25	66	80	62	142	9	9	18	34	16	50	3	4	7	34	33	67
(d) Encephalitis ..	9	..	9	2	.	2	11	..	11	.	.	..	4	..	4	1	..	1	6	..	6
(e) Other cerebral lesions.	1	1	2	..	..	..	1	1	2	..	.	..	..	..	..	..	..	..	1	1	2
11 Neurosis and Psycho Neurosis.	4	1	5	17	9	26	21	10	31	1	..	1	4	3	7	1	..	..	15	7	22
12 No appreciable disease.	5	1	6	5	1	6	10	2	12	6	1	7	..	1	1	..	..	..	4	1	5
13 Not yet diagnosed (discharged before certification).	..	3	3	4	2	6	4	5	9	..	..	..	..	..	..	3	..	3	1	5	6
14 Psychopathic Personality.	5	..	5	..	..	..	5	..	5	..	..	..	..	..	..	..	..	..	5	..	5
15 Morphinism	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1,162	517	1,679	838	308	1,146	2,000	825	2,825	156	93	248	367	164	530	90	44	134	1,888	525	1,913

NOTE.—Observation cases are excluded from this statement but included three observation cases remaining at the commencement of the year.

WALTAIR.

1 Mental deficiency ..	2	..	2	4	1	5	6	1	7	..	..	..	1	..	1	..	..	..	5	4	9
2 Maniac depressive insanity.	20	7	27	20	7	27	40	14	54	23	3	26	1	3	4	4	..	4	29	18	47
3 Mania	13	5	18	19	11	30	32	16	48	7	2	9	2	..	2	2	..	2	15	11	26
4 Melancholia	..	..	..	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
5 Schizophrenia including Dementia Præcox.	26	8	34	43	11	54	69	19	88	17	7	24	9	4	13	4	1	5	93	17	110
6 Secondary Dementia ..	8	..	8	..	..	..	8	..	8	..	..	..	..	..	..	..	..	..	..	..	..
7 Paronoia and Paranoid states.	4	..	4	..	1	1	4	1	5	..	..	..	1	..	1	..	..	..	..	1	1
8 Epilepsy and Epileptic insanity.	15	2	17	8	1	9	23	3	26	..	..	..	2	1	3	3	1	4	10	4	14
9 Psychosis—																					
(a) Acute confusional insanity.	1	..	1	1	2	3	2	2	4	..	..	..	..	..	..	..	..	..	..	..	..
(b) Alcoholic Psychosis.	8	..	8	..	..	..	8	..	8	..	..	..	..	..	..	..	..	..	4	..	4
(c) Canabis Indicæ Psychosis.	27	..	27	..	..	..	27	..	27	2	..	2	..	..	..	..	..	..	4	..	4
(d) Of Endocrine origin.	..	7	7	..	1	1	..	8	8	..	..	..	..	1	1	..	..	..	..	1	1
(e) In relation to child-bearing.	..	3	3	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..
(f) In relation to other constitutional diseases.	3	4	7	..	..	..	3	4	7	..	..	..	..	..	..	..	..	..	..	..	..
10 Organic Psychosis—																					
(a) General Paralysis.	3	2	5	..	..	..	3	2	5	..	..	..	1	..	1	1	1	2	..	..	..
(b) Cerebral Syphilis.	11	6	17	2	..	2	13	6	19	..	..	..	..	..	..	..	1	1	3	..	3
(c) Arteriopathic and Senile Psychosis.	9	2	11	5	..	5	14	2	16	..	..	..	..	..	..	..	1	1	7	..	7
(d) Encephalitis ..	..	..	..	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
(e) Other cerebral lesions.	4	..	4	..	..	..	4	..	4	..	..	..	..	..	..	..	..	..	..	..	..
11 Neurosis and Psycho Neurosis.	2	1	3	..	1	1	2	2	4	3	1	4	3	..	3	..	1	1	3	..	3
12 No appreciable disease.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13 Not yet diagnosed (discharged before certification).	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14 Psychopathic personality.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	156	47	203	104	36	140	260	83	343	52	13	65	20	9	29	14	5	19	174	56	230

NOTE.—Observation cases are excluded from this statement.

KOZHIKODE.

1 Mental deficiency ..	32	1	33	5	..	5	37	1	38	2	..	2	..	..	..	..	..	..	35	1	36
2 Maniac depressive insanity.	22	22	44	13	1	14	35	23	58	9	..	9	1	1	2	3	1	4	22	21	43
3 Mania	126	24	150	134	24	158	260	48	308	95	10	105	12	3	15	16	5	21	137	30	167
4 Melancholia	30	9	39	4	2	6	34	11	45	1	1	2	..	1	1	3	1	4	30	8	38
5 Schizophrenia including Dementia Præcox.	75	12	87	77	8	85	152	20	172	20	..	20	4	1	5	23	1	24	105	18	123
6 Secondary Dementia ..	5	8	13	1	..	1	6	8	14	..	.	..	..	..	..	..	..	..	6	8	14
7 Paronoia and Paranoid states.	10	3	13	..	..	..	10	3	13	1	..	1	..	..	..	1	..	1	8	3	11
8 Epilepsy and Epileptic insanity.	15	3	18	6	..	6	21	3	24	2	..	2	1	..	1	1	..	1	17	3	20
9 Psychosis—																					
(a) Acute confusional insanity.	4	5	9	6	..	6	10	5	15	2	..	2	1	..	1	1	..	1	6	5	11
(b) Alcoholic Psychosis.	..	1	1	1	..	1	1	1	2	..	..	..	..	..	..	..	..	..	1	1	2
(c) Canabis Indicæ. Psychosis.	4	..	4	3	..	3	7	..	7	2	..	2	..	..	..	..	..	..	5	..	5
(d) Of Endocrine origin.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(e) In relation to child-bearing.	..	11	11	..	3	3	..	14	14	..	..	..	..	..	..	..	..	..	..	14	14
(f) In relation to other constitutional diseases.	..	..	..	3	..	3	3	..	3	..	..	..	..	..	..	..	..	..	3	..	3

STATEMENT VI—*cont.*

Statement showing the form of mental disorder in the admissions, discharges, recoveries and deaths during the year ending 31st December 1948—cont.

	Remaining on 31st December of the preceding year.			Admissions during the year.			Total.			Discharges. Recoveries.			Discharges. Otherwise.			Deaths.			Remaining on 31st December.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
KOZHIKODE—*cont.*																					
10 Organic psychosis—																					
(*a*) General paralysis.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(*b*) Cerebral syphilis.	6	..	6	1	..	1	7	..	7	..	..	..	..	..	..	..	..	..	7	..	7
(*c*) Arteriopathic and senile psychosis.	2	1	3	3	..	3	5	1	6	1	..	1	..	..	..	..	..	..	4	1	5
(*d*) Encephalitis lethergia.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(*e*) Other cerebral lesions.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11 Neurosis and psychoneurosis.	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1
12 No appreciable disease.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13 Not yet diagnosed (discharged before certification).	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14 Psychopathic personality.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15 Morphinism	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	331	101	432	257	38	295	588	139	727	135	11	146	19	6	25	48	8	56	386	114	500
PRESIDENCY.																					
1 Mental deficiency ..	165	82	247	45	24	69	210	106	316	2	..	2	15	19	34	7	12	19	186	79	265
2 Maniac depressive insanity.	63	32	95	101	24	125	164	56	220	38	9	47	18	10	28	13	2	15	112	47	159
3 Mania	252	74	326	325	114	439	577	188	765	159	53	212	56	31	87	27	9	36	329	90	419
4 Melancholia	64	18	82	19	8	27	83	26	109	2	2	4	12	4	16	3	1	4	65	19	84
5 Schizophrenia including dementia præcox.	500	227	817	492	126	618	1,082	353	1,435	101	34	135	160	73	233	55	11	66	320	244	1,064
6 Secondary dementia ..	61	37	98	5	..	5	66	37	103	3	1	4	46	1	47	1	..	1	8	35	43
7 Paronia and paranoid states.	53	21	74	14	1	15	67	22	89	2	..	2	5	2	7	2	..	2	55	20	75
8 Epilepsy and epileptic insanity.	122	37	159	56	17	73	178	54	232	2	..	2	19	11	30	18	6	24	131	40	171
9 Psychosis—																					
(*a*) Acute confusional insanity.	15	14	29	22	11	33	37	25	62	6	5	11	10	4	14	4	4	8	15	10	25
(*b*) Alcoholic psychosis.	24	9	33	5	..	5	29	9	38	3	..	3	1	..	1	2	..	2	19	9	28
(*c*) Canabis indicæ psychosis.	103	..	103	5	..	5	108	..	108	4	..	4	3	..	3	1	..	1	79	..	79
(*d*) Of Endocrine origin.	5	7	12	1	1	2	6	8	14	..	..	..	..	1	1	1	..	1	5	1	6
(*e*) In relation to childbearing.	..	44	44	..	9	9	..	53	53	..	2	2	..	2	2	..	2	2	..	44	44
(*f*) In relation to other constitutional diseases.	28	7	35	3	..	3	31	7	38	..	..	..	..	..	..	..	..	..	28	3	31
Organic psychosis—																					
(*a*) General paralysis.	5	2	7	19	7	26	24	9	33	..	..	..	12	..	12	4	2	6	5	5	10
(*b*) Cerebral syphilis.	19	6	25	9	2	11	28	8	36	..	..	..	4	1	5	6	2	8	10	..	10
(*c*) Arteriopathic and senile psychosis.	50	40	90	49	25	74	99	65	164	10	9	19	34	16	50	3	5	8	45	34	79
(*d*) Encephalitis lethargia.	9	..	9	3	..	3	12	..	12	..	..	..	4	..	4	1	..	1	7	..	7
(*e*) Other cerebral lesions.	5	1	6	..	..	..	5	1	6	..	..	..	..	..	..	..	..	..	1	1	2
11 Neurosis and psychoneurosis.	6	3	9	17	10	27	23	13	36	4	1	5	7	3	10	1	1	2	18	8	26
12 No appreciable disease.	5	1	6	5	1	6	10	2	12	6	1	7	..	..	..	..	..	..	4	1	5
13 Not yet diagnosed (discharged before certification).	..	3	3	4	2	6	4	5	9	..	..	..	..	..	..	3	..	3	1	5	6
14 Psychopathic personality.	5	..	5	..	..	..	5	..	5	..	..	..	..	..	..	..	..	..	5	..	5
Total ..	1,649	665	2,314	1,199	382	1,581	2,848	1,047	3,895	342	117	459	466	178	584	152	57	209	1,948	695	2,643

STATEMENT VII.

Statement showing the probable cause of insanity in the patients admitted in the mental hospitals in the Madras Presidency during the year ending 31st December 1948.

	Predisposing causes.			Exciting causes.			Total.			Predisposing causes.			Exciting causes.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
	MADRAS.									**WALTAIR.**								
Mental stress—																		
Moral	12	25	37	10	29	39	22	54	76	13	8	21	22	14	36	35	22	57
Business worry	6	..	6	14	..	14	20	..	20	1	..	1	11	..	11	12	..	12
Domestic worry	11	7	18	19	23	42	30	30	60	70	8	78	26	10	36	96	18	114
Stress of military service	9	..	9	7	..	7	16	..	16	..	..	..	..	..	..	..	..	..
Toxins—																		
Morphia	1	..	1	1	..	1	2	..	2	..	..	..	..	..	..	..	..	..
Canabis indicæ	2	..	2	2	..	2	4	..	4	1	..	1	..	..	..	1	..	1
Alcohol	18	..	18	13	1	14	31	1	32	7	..	7	3	..	3	10	..	10
Other toxins	2	..	2	4	1	5	6	1	7	..	..	..	3	..	3	3	..	3
Physical	10	14	24	1	7	8	11	21	32	3	3	6	2	3	5	5	6	11
Opium	1	..	1	1	..	1	2	..	2	..	..	..	..	..	..	..	..	..
Bodily illness	21	6	27	6	11	17	27	17	44	5	6	11	9	2	11	14	8	22
Pregnancy	..	3	3	..	1	1	..	4	4	..	..	..	..	1	1	1	..	1
Child birth	..	15	15	..	18	18	..	33	33	..	..	..	..	..	..	..	1	1
Climacteric	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Epilepsy	17	6	23	10	2	12	27	8	35	8	..	8	8	..	8	16	..	16
Head injuries	1	..	1	2	1	3	3	1	4	..	..	..	..	..	..	..	..	..
Infections—																		
Encephalitis lethargia	1	..	1	1	..	1	2	..	2	1	..	1	..	3	3	1	3	4
Influenza	1	1	2	2	7	9	3	8	11	..	..	..	..	..	..	..	..	..
Syphilis	5	3	8	3	4	7	8	7	15	..	..	..	2	2	4	2	2	4
Other infections	3	6	9	2	4	6	5	10	15	..	..	..	..	..	..	..	..	..
Old age	30	5	35	62	9	71	92	14	106	..	..	..	6	..	6	6	..	6
Hereditary predisposition	106	43	149	..	..	..	106	43	149	1	..	1	6	1	7	7	1	8
Previous attacks	67	20	87	71	12	83	138	32	170	4	1	5	6	..	6	10	1	11
Unascertained	136	14	150	146	10	156	282	24	306	..	..	..	..	..	..	..	..	..
Total ..	460	168	628	377	140	527	837	308	1,145	114	27	141	104	36	140	218	63	281

STATEMENT VII—*cont.*

Statement showing the probable cause of insanity in the patients admitted in the mental hospitals in the Madras Presidency during the year ending 31st December 1948—cont.

	Predisposing causes.			Exciting causes.			Total.			Predisposing causes.			Exciting causes.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
	KOZHIKODE.									PRESIDENCY TOTAL.								
Mental stress—																		
Moral	9	..	9	8	..	8	17	..	17	34	33	67	40	43	83	74	76	150
Business worry	13	..	13	12	..	12	25	..	25	20	..	20	37	..	37	57	..	57
Domestic worry	53	17	70	98	18	116	151	35	186	134	32	166	143	51	194	277	83	360
Stress of military service	10	..	10	10	..	10	20	..	20	19	..	19	17	..	17	36	..	36
Toxins—																		
Morphia	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	2	..	2
Cannabis indicus	..	..	..	..	..	..	..	..	..	3	..	3	2	..	2	5	..	5
Alcohol-	..	..	..	..	..	..	..	..	..	25	..	25	16	1	17	41	1	42
Other toxins	..	..	..	..	..	..	..	..	..	2	..	2	7	1	8	9	1	10
Physical	8	..	8	..	..	..	8	..	8	21	17	38	3	10	13	24	27	51
Opium	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	2	..	2
Bodily illness	13	..	13	9	..	9	22	..	22	39	12	51	24	13	37	63	25	88
Pregnancy	..	4	4	..	..	..	..	..	..	..	3	3	..	1	1	..	4	4
Child-birth	..	..	..	..	4	4	8	..	8	..	19	19	..	23	23	..	42	42
Climacteric	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Epilepsy	9	..	9	7	..	7	16	..	16	34	6	40	25	2	27	59	8	67
Head injuries	..	..	..	..	..	..	..	..	..	1	..	1	2	1	3	3	1	4
Infections—																		
Encephalitis lethergia	..	..	..	..	..	..	..	..	..	2	..	2	1	3	4	3	3	6
Influenza	..	..	..	..	..	..	..	..	..	1	1	2	2	7	9	3	8	11
Syphilis	8	1	9	4	1	5	12	2	14	13	4	17	9	7	16	22	11	33
Other infections	..	..	..	..	..	..	..	..	..	3	6	9	2	4	6	5	10	15
Old age	..	..	..	..	..	..	..	..	..	30	5	35	68	9	77	98	14	112
Hereditary predisposition	23	6	29	17	..	17	40	6	46	130	49	179	23	1	24	153	50	203
Previous attacks	51	..	51	28	..	28	79	..	79	122	21	143	105	12	117	227	33	250
Unascertained	60	10	70	64	15	79	124	25	149	196	24	220	210	25	235	406	49	455
Total	257	38	296	257	38	295	514	76	590	831	233	1,064	738	214		1,569	447	2,016

STATEMENT VIII.

Statement showing the cash account of the mental hospitals in the Madras Presidency for the year 1948.

Hospitals.	Receipts.					
Government Mental Hospitals.	Received from treasury.	Received from paying patients.	Value of stores received from the manufacturing department less cost of raw materials.	Book receipts, i.e., the total of expenditure entered in columns (19), (20) and (21).	Miscellaneous receipts.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A.
Madras	10,52,736 0 0	(a) 77,350 0 0	(b) 15,358 0 0	(c) 52,083 0 0	(d) 5,649 0 0	12,03,176 0
Waltair	1,05,322 2 7	1,414 0 3	887 5 8	1,603 7 10	1,201 0 0	1,10,428 0
Kozhikode	2,36,741 7 10	15,523 10 0	(m) 994 2 3	11,625 3 6	(n) 264 2 3	2,65,148 9 10
Total for 1948 ..	13,94,799 10 5	94,287 10 3	17,239 7 11	65,311 11 4	7,114 2 3	15,78,752 10 2
Total for 1947 ..	12,12,080 2 3	90,262 1 4	22,116 5 9	87,487 13 7	3,583 2 5	14,15,829 9 4
Total for 1946 ..	10,93,690 5 6	76,843 3 0	21,904 9 6	42,421 9 0	1,297 7 0	12,36,157 2 0

	Charges.								
	Establishment.					Contingencies.			
	Establishment proper.	Superintendence.	Diet.	Clothing and bedding.	Bazaar medicines.	Contingencies proper.	Repairs and maintenance.	Rates and taxes.	
	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Madras	2,86,425 0 0	6,952 0 0	(e) 6,30,464 0 0	(f) 10,506 0 0	22,296 0 0	(g) 56,093 0 0	209 0 0	15,605 0 0	
Waltair	32,889 6 0	5,109 5 0	50,187 6 10	305 0 0	382 0 6	8,260 10 4	928 1 6	178 12 0	
Kozhikode	62,306 10 0	4,433 5 0	(o) 1,42,605 0 0	(p) 2,744 6 3	..	(q) 15,646 5 4	1,428 0 0	..	
Total for 1948 ..	3,81,621 0 0	16,494 10 0	8,23,256 6 10	13,645 6 3	22,678 0 6	80,899 15 8	2,655 1 6	15,783 12 0	
Total for 1947 ..	3,46,984 15 0	14,241 7 0	7,39,700 6 4	14,501 3 10	2,350 4 9	62,178 1 3	2,506 0 0	10,242 8 0	
Total for 1946 ..	3,17,010 4 0	10,020 0 0	6,57,272 14 9	18,652 13 0	1,794 9 0	70,155 10 4	2,304 2 0	10,791 0 0	

	Charges—*cont.*						
				Book charges.			
	Remitted to treasury on account of paying patients, etc.	Miscellaneous items.	Total of columns (8) to (17).	Charges for account of work done by Public Works Department.	Cost of printed forms and stationery.	Cost of English stores and medicines.	Total of columns (18) to (21).
	(16)	(17)	(18)	(19)	(20)	(21)	(22)
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Madras	(h) 83,356 0 0	(i) 31,313 0 0 6,794 0 0	11,44,299 0 0 (j) 6,794 0 0	(k) 48,637 0 0	(l) 1,066 0 0	2,330 0 0	11,96,382 0 0 6,794 0 0
Waltair	2,099 14 9	453 5 0	1,00,793 13 11	..	51 6 10	1,552 1 0	1,02,397 5 9
Kozhikode	(r) 16,288 14 0	(s) 12,090 2 2	2,57,542 10 9	(t) 9,131 5 6	85 0 0	2,408 14 0	2,65,148 9 10
Total for 1948 ..	1,01,744 12 9	43,856 7 2	15,02,635 8 8	57,768 5 6	1,202 6 10	6,340 15 0	15,63,927 14 7
Total for 1947 ..	98,016 2 4	37,833 13 2	13,29,060 2 8	64,954 11 7	932 13 0	20,537 13 0	12,15,535 8 3
Total for 1946 ..	80,891 3 0	31,293 12 3	12,00,589 4 4	26,609 14 0	1,021 6 0	13,253 11 0	12,41,850 7 7

STATEMENT VIII—*cont.*

Statement showing the cash account of the mental hospitals in the Madras Presidency for the year 1948—cont.

		Rs	A.	P.
)	Cash collections from paying patients	54,015	0	0
)	Adjustments from foreign patients	23,335	0	0
	Total	77,350	0	0
)	Value of stores on hand on 1st January 1948	10,339	0	0
)	Value of manufactured goods made over to the hospital	18,688	0	0
)	Value of garden produce made over to the hospital	3,145	0	0
)	Total	32,172	0	0
)	*Deduct*—Cost of raw materials	16,814	0	0
	Balance	15,358	0	0
)	Charges on account of Public Works Department' (*k*)	48,637	0	0
)	Charges on account of printing forms and stationery (*l*)	1,066	0	0
)	Charges on account of English stores and medicines	2,380	0	0
	Total	52,083	0	0
)	Cost of unserviceable articles sold in auction	1,330	0	0
)	Other miscellaneous receipts	4,319	0	0
	Total	5,649	0	0
)	Special diet—Indians	5,039	0	0
)	Special diet—Europeans	2,863	0	0
)	Hospital diets and extras—Indians	95,969	0	0
)	Hospital diets and extras—Europeans	48,538	0	0
)	Ordinary diet—Indians	2,61,220	0	0
)	Ordinary diet—Europeans	17,043	0	0
)	T.B. special diet	1,99,792	0	0
	Total	6,30,464	0	0
)	Mental Hospital clothing	13,813	0	0
)	Local purchases	1,250	0	0
)	Total	15,063	0	0
)	*Deduct*—Book charges	4,467	0	0
	Balance	10,596	0	0
)	Purchase of betel leaves, nuts, etc.	1,542	0	0
)	Pay of menials including dearness allowance	31,400	0	0
)	Pay of chauffeurs	555	0	0
)	Pay of dhobies	1,800	0	0
)	Pay of barbers	739	0	0
)	Washing materials	1,451	0	0
)	Amusement and recreation of patients	700	0	0
)	Postage and telegraph charges	1,513	0	0
)	Telephone charges	2,373	0	0
)	Electric charges	10,014	0	0
)	Railway fare to discharged patients	262	0	0
)	Repairs to office cycle	311	0	0
)	Wages of cesspit coolies	370	0	0
)	Office expenses	1,136	0	0
)	Gardening charges	211	0	0
)	Maintenance of motor vehicles	2,616	0	0
	Total	56,903	0	0
)	Received from paying patients	77,350	0	0
)	Sale of unserviceable articles	1,330	0	0
)	Other miscellaneous receipts	4,319	0	0
)	Sale of garden produce	357	0	0
	Total	83,356	0	0
)	Hospital necessaries and miscellaneous	35,016	0	0
)	*Deduct*—Book charges	3,703	0	0
	Balance	31,313	0	0
	Value of stores on hand on 31st December 1948	6,794	0	0

		Rs.	A.	P.
(*k*)	Bedding and clothing	4,467	0	0
(*k*)	Hospital necessaries	3,703	0	0
(*k*)	Public Works Department works and repairs	39,227	0	0
(*k*)	Public Works Department Electric charges	1,240	0	0
	Total	48,637	0	0
(*l*)	Cost of printing forms	851	0	0
(*l*)	Cost of stationery articles	215	0	0
	Total	1,066	0	0
(*m*)	Sold to public—			
(*m*)	Manufactured articles	79	7	6
(*m*)	Garden produce	421	10	3
(*m*)	Made over to Mental hospital—			
(*m*)	Manufactured articles (clothing)	2,079	9	6
(*m*)	Coir yarn	219	3	0
(*m*)	Garden produce	3,238	13	4
	Total	6,038	11	7
	Deduct—Cost of raw materials	5,044	9	4
	Balance	994	2	3
(*n*)	By sale of condemned articles	264	2	3
(*o*)	Diet charges	1,40,096	9	2
(*o*)	Vegetables supplied from hospital	3,238	13	4
(*o*)	Stores remaining on 1st January 1948	2,750	10	11
	Total	1,46,086	1	5
	Deduct—Stores remaining on 31st December 1948	3,481	1	5
	Balance	1,42,605	0	0
(*p*)	Clothing supplied from hospital	2,079	9	6
(*p*)	Clothing—Local purchase excluding book charges	664	12	9
	Total	2,744	6	3
(*q*)	Pay of menials plus dearness allowance	8,672	1	0
(*q*)	Pay of dhobies, barbers including shaving materials	788	4	0
(*q*)	House rent	240	0	0
(*q*)	Betel leaves, snuff, cigars, beedles, etc.	3,762	1	10
(*q*)	Office expenses, Railway fare to discharged patients, freight, etc.	2,183	14	6
	Total	15,646	5	4
(*r*)	Received from paying patients	15,523	10	0
(*r*)	By sale of manufactured articles	79	7	6
(*r*)	By sale of garden produce	421	10	3
(*r*)	Miscellaneous receipts	264	2	3
	Total	16,288	14	0
(*s*)	Hospital necessaries and other miscellaneous items less book charges.	11,937	14	1
(*s*)	Coir yarn supplied from hospital	219	3	0
(*s*)	Stores remaining on 1st January 1948	471	4	1
	Total	12,628	5	2
	Deduct—Cost of stores remaining on 31st December 1948.	538	3	0
	Balance	12,090	2	2
(*t*)	Public Works Department for original works			
(*t*)	Public Works Department for repairs	5,897	2	6
(*t*)	Public Works Department for water charges (lorry hire).	1,466	4	0
(*t*)	Government Industrial School, Kozhikode, for repairs	64	0	0
(*t*)	Jail Department for bedding and clothing, etc.	1,076	12	0
(*t*)	Government Kerala Soap Institute, Kozhikode, for soaps	525	13	0
(*t*)	Other Government departments	227	10	0
(*t*)	Government Oil Factory for shark liver oil	96	0	0
(*t*)	Telephone charges	277	12	0
	Total	9,131	5	6

Government of Madras.
Education and Public Health Department.
(Public Health).

G.O. No. 1089, 28th March 1949.

Report:- Mental hospitals - Administration Report for 1948 - Reviewed.

Read the following paper:—
From the Surgeon General, dated 1st March 1949,
P. No. 44-P.W.

Order - No. 1089, P.H., dated 28th March 1949.

Reviewed.

2. The number of patients in the three mental hospitals increased from 3368 in 1947 to 3897 in 1948. The daily average number of patients increased from 2309.88 to 2474.07 and the daily average of sick from 467.72 to 496.13. There was an increase in the percentage of deaths to the daily average strength from 7.79 to 8.42 and a decrease in the percentage of patients cured to the daily average strength from 15.54 to 13.82.

3. The Government note with satisfaction that the out-patient department which has been started in the mental hospital, Madras, from the 15th December 1948 is having a popular and effective.

4. The increase in the population of the patients during the year under review was partly due to the transfer of 293 criminal mental patients from the Mental Jail, Cuddalore, to the Mental Hospital, Madras

P.T.O.,

consequent on the conversion of the fort into a
central jail for the detention of prisoners and the
committal of criminal mental patients to the
asylum. The strength of the patients in the mental
hospital is steadily increasing. No new construction
to provide for additional accommodation could be
undertaken during the year in view of financial
stringency and the high cost of building materials
and labour.

(Signature of the Excellency in Council).

Sd/- x x x x

Joint Secretary to Government.

(True Copy)

Secretary.
for Superintendent
Madras Record Office
5.9.03